

# Henkel's LED lighting trial delivers 75% saving on energy

In a world where energy efficiency and cost reduction are becoming increasingly important, Dialight's SafeSite® LED fixture helps Henkel to achieve its objectives of cutting power consumption and creating a more efficient lighting system in a trial installation at a waste water plant.



New SafeSite® LED lighting in the foreground and HPS lighting in the background.

SafeSite® LED lighting by Dialight, world leader in applied LED technology, has been installed by Henkel, manufacturer of Loctite and world market leader in adhesives, sealants and surface treatments, at its waste water treatment plant in Puerto Rico. This installation is the first of a series of LED trials and the results speak for themselves as shown in the photo above.

Henkel was able to save on power consumption and achieve a more efficient lighting system by using only 12 of Dialight's 100W SafeSite LED fixtures to replace 16 of the existing 250W HPS fittings that are used to light the tank and walkways. The result is that energy needs are reduced by 75% and the quality of illumination is vastly improved. On these light fittings alone this amounts to an annual energy saving worth almost \$3500.

Maintenance manager Edgar Agront commented: "The LED lighting looks brighter and more natural, a lot less yellow, so people thought that more light had been added when we've actually reduced the fixtures by a quarter."

A further benefit for Henkel is that SafeSite LED fixtures, which are certified to meet UL Class I Division 2 and Class II Division 2 requirements, carry a 5-year warranty and can be expected to last 10 years, so the organization can also save on maintenance costs.



Compare the same scene with HPS lighting on the left and LED lighting on the right.

The SafeSite series of LED fixtures is available through Dialight's global network of distributors. For more information contact David Jennings, Dialight Corporation, Farmingdale, NJ; phone 732 751 5880; [djennings@dialight.com](mailto:djennings@dialight.com).

### About Henkel

Henkel markets a wide range of well-known consumer and industrial brands in North America, including Dial® soaps, Purex® laundry detergents, Right Guard® antiperspirants, got2b® hair gels, and Loctite® adhesives. For more than 130 years, Henkel has been a leader with brands and technologies that make people's lives easier, better, and more beautiful. Henkel operates in three business areas - Home Care, Personal Care, and Adhesive Technologies - and is ranked among the Fortune Global 500 companies. Visit [www.henkelna.com](http://www.henkelna.com) for more information.

### About Dialight

Dialight plc (LSE: DIA.L) is leading the lighting revolution for industrial users across the world. Applying leading edge LED technology it produces retro-fittable lighting fixtures designed specifically for hazardous locations, obstruction lighting, traffic and rail signalling to vastly reduce maintenance, save energy, improve safety and ease disposal. Versions of these high specification luminaires are also produced for more general industrial and outdoor situations. The company is headquartered in the UK with operating locations in the UK, USA, Germany and Mexico. More information is available at [www.dialight.com](http://www.dialight.com).

MDTFHENX001\_A